LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089708.D
Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.764	101	103	120	rVB	41361	94966	7.04%	0.470%
2	4.604	261	264	281	rBV	149134	363373	26.94%	1.798%
3	5.301	322	325	346	rVV	473808	1036527	76.84%	5.128%
4	5.553	346	347	358	rVB	10269	24231	1.80%	0.120%
5	6.959	467	470	476	rBV	672140	1091946	80.94%	5.402%
6	7.050	476	478	490	rVV	717310	1320860	97.91%	6.535%
7	7.210	490	492	502	rVB3	10032	26137	1.94%	0.129%
8	7.405	507	509	515	rBV	162605	262346	19.45%	1.298%
9	7.633	527	529	541	rVB	699782	908869	67.37%	4.496%
10	8.307	586	588	598	rBV	407183	670182	49.68%	3.316%
11	9.428	683	686	693	rBV	304529	453711	33.63%	2.245%
12	9.519	693	694	700	rVB	16506	23330	1.73%	0.115%
13	10.513	778	781	784	rVB	22408	26998	2.00%	0.134%
14	10.593	784	788	793	rBV	34470	59979	4.45%	0.297%
15	10.742	798	801	804	rBV	31240	42860	3.18%	0.212%
16	11.211	839	842	848	rBV	1031920	1349000	100.00%	6.674%
17	11.428	859	861	865	rVB2	27594	40081	2.97%	0.198%
18	11.622	875	878	881	rBV	12957	30697	2.28%	0.152%
19	11.725	881	887	889	rVV	33993	55199	4.09%	0.273%
20	11.771	889	891	894	rVB2	25126	36580	2.71%	0.181%
21	11.896	899	902	906	rVV	229164	307858	22.82%	1.523%
22	12.022	911	913	918	rVV2	19221	40352	2.99%	0.200%
23	12.251	930	933	935	rBV	324061	431437	31.98%	2.134%
24	12.296	935	937	943	rVB	88946	127824	9.48%	0.632%
25	12.594	961	963	967	rBV2	21910	48482	3.59%	0.240%
26	12.685	967	971	972	rVV2	15784	26667	1.98%	0.132%
27	12.799	976	981	984	rBV3	18282	48492	3.59%	0.240%
28	13.108	1005	1008	1010	rBV	62462	78838	5.84%	0.390%
29	13.142	1010	1011	1016	rVB	53326	66559	4.93%	0.329%
30	13.417	1033	1035	1037	rBV	15591	25311	1.88%	0.125%
31	13.462	1037	1039	1041	rVB	24902	38631	2.86%	0.191%
32	13.542	1043	1046	1055	rBV	451313	671037	49.74%	3.320%
33	13.771	1061	1066	1069	rVB5	12996	25331	1.88%	0.125%
34	13.885	1073	1076	1081	rBV	67171	160040	11.86%	0.792%

LSC Area Percent Report

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Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.045	1087	1090	1092	rBV3	12523	30465	2.26%	0.151%
36	14.194	1097	1103	1105	rVV3	8939	24195	1.79%	0.120%
37	14.262	1107	1109	1111	rVV3	11128	24821	1.84%	0.123%
38	14.365	1114	1118	1122	rVV4	19344	53796	3.99%	0.266%
39	14.445	1122	1125	1126	rVV3	13144	31376	2.33%	0.155%
40	14.480	1126	1128	1131	rVB	22363	33128	2.46%	0.164%
41	14.605	1137	1139	1141	rBV	43850	78128	5.79%	0.387%
42	14.640	1141	1142	1144	rVV	269634	415806	30.82%	2.057%
43	14.685	1144	1146	1151	rVV	523458	760539	56.38%	3.763%
44	14.765	1151	1153	1160	rVB	78204	142570	10.57%	0.705%
45	15.074	1176	1180	1185	rBV2	29926	106834	7.92%	0.529%
46	15.222	1191	1193	1197	rVB3	12737	25429	1.89%	0.126%
47	15.291	1197	1199	1204	rBV2	43303	66313	4.92%	0.328%
48	15.451	1210	1213	1215	rBV	63788	104913	7.78%	0.519%
49	15.485	1215	1216	1221	rVV	87036	138574	10.27%	0.686%
50	15.565	1221	1223	1224	rVV	28973	39316	2.91%	0.195%
51	15.600	1224	1226	1228	rVV	87280	138205	10.24%	0.684%
52	15.645	1228	1230	1236	rVB2	49667	118318	8.77%	0.585%
53	15.897	1250	1252	1255	rBV	78170	107902	8.00%	0.534%
54	15.943	1255	1256	1260	rVV	13773	27619	2.05%	0.137%
55	16.114	1268	1271	1273	rBV	22449	36662	2.72%	0.181%
56	16.160	1273	1275	1277	rVV	18373	30420	2.26%	0.150%
57	16.251	1281	1283	1285	rBV	54785	87221	6.47%	0.432%
58	16.297	1285	1287	1289	rVV	39883	57465	4.26%	0.284%
59	16.377	1292	1294	1297	rVB	39935	56533	4.19%	0.280%
60	16.457	1298	1301	1305	rBV	743694	905635	67.13%	4.480%
61	16.560	1308	1310	1312	rBV2	20315	38144	2.83%	0.189%
62	16.651	1316	1318	1320	rBV2	15577	28546	2.12%	0.141%
63	16.697	1320	1322	1325	rVB	37141	44526	3.30%	0.220%
64	16.754	1325	1327	1332	rBV	546547	820944	60.86%	4.061%
65	16.880	1337	1338	1342	rVV	25393	39986	2.96%	0.198%
66	16.960	1342	1345	1347	rVV	48088	82958	6.15%	0.410%
67	17.017	1347	1350	1353	rVV	794891	1031813	76.49%	5.105%
68	17.085	1355	1356	1360	rVV3	41315	92335	6.84%	0.457%
69	17.223	1363	1368	1372	rVV2	53002	182462	13.53%	0.903%
70	17.314	1375	1376	1379	rVV	34296	59564	4.42%	0.295%
71	17.360	1379	1380	1384	rVV3	61850	129625	9.61%	0.641%

LSC Area Percent Report

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Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.428	1384	1386	1388	rVV2	31180	58059	4.30%	0.287%
73	17.474	1388	1390	1392	rVV	44530	65857	4.88%	0.326%
74	17.520	1392	1394	1397	rVV	21274	38141	2.83%	0.189%
75	17.577	1397	1399	1405	rVB6	17300	48858	3.62%	0.242%
76	17.874	1423	1425	1427	rBV2	18041	23898	1.77%	0.118%
77	17.908	1427	1428	1433	rVB	44587	68461	5.07%	0.339%
78	18.057	1436	1441	1443	rBV3	43125	128364	9.52%	0.635%
79	18.183	1450	1452	1457	rVB2	38195	57427	4.26%	0.284%
80	18.297	1460	1462	1464	rVV2	44017	84352	6.25%	0.417%
81	18.354	1464	1467	1469	rVV2	360429	695593	51.56%	3.441%
82	18.388	1469	1470	1473	rVV	254091	317235	23.52%	1.569%
83	18.480	1476	1478	1481	rVB	48372	61684	4.57%	0.305%
84	18.823	1506	1508	1509	rBV	19745	27263	2.02%	0.135%
85	18.857	1509	1511	1513	rVV	41438	74372	5.51%	0.368%
86	18.903	1513	1515	1517	rVB	31820	44005	3.26%	0.218%
87	19.463	1562	1564	1567	rBV2	27632	44448	3.29%	0.220%
88	19.623	1576	1578	1584	rBV	245812	544320	40.35%	2.693%
89	19.737	1586	1588	1590	rVB	35114	51131	3.79%	0.253%
90	19.909	1601	1603	1606	rBV	165551	201718	14.95%	0.998%
91	19.966	1606	1608	1611	rVV	221058	280909	20.82%	1.390%
92	20.023	1611	1613	1621	rVB2	237806	377743	28.00%	1.869%
93	20.492	1652	1654	1657	rVB	30808	48760	3.61%	0.241%
94	20.869	1685	1687	1692	rBV4	17524	45542	3.38%	0.225%
95	21.200	1714	1716	1721	rVB2	115617	223343	16.56%	1.105%
96	21.383	1730	1732	1736	rVB3	22565	40687	3.02%	0.201%
97	21.532	1743	1745	1752	rVB	88656	186898	13.85%	0.925%
98	21.737	1761	1763	1767	rVB	18868	41503	3.08%	0.205%
99	23.269	1893	1897	1905	rBV2	18148	78187	5.80%	0.387%
100	23.429	1907	1911	1915	rBV	12138	46778	3.47%	0.231%

Sum of corrected areas: 20213353

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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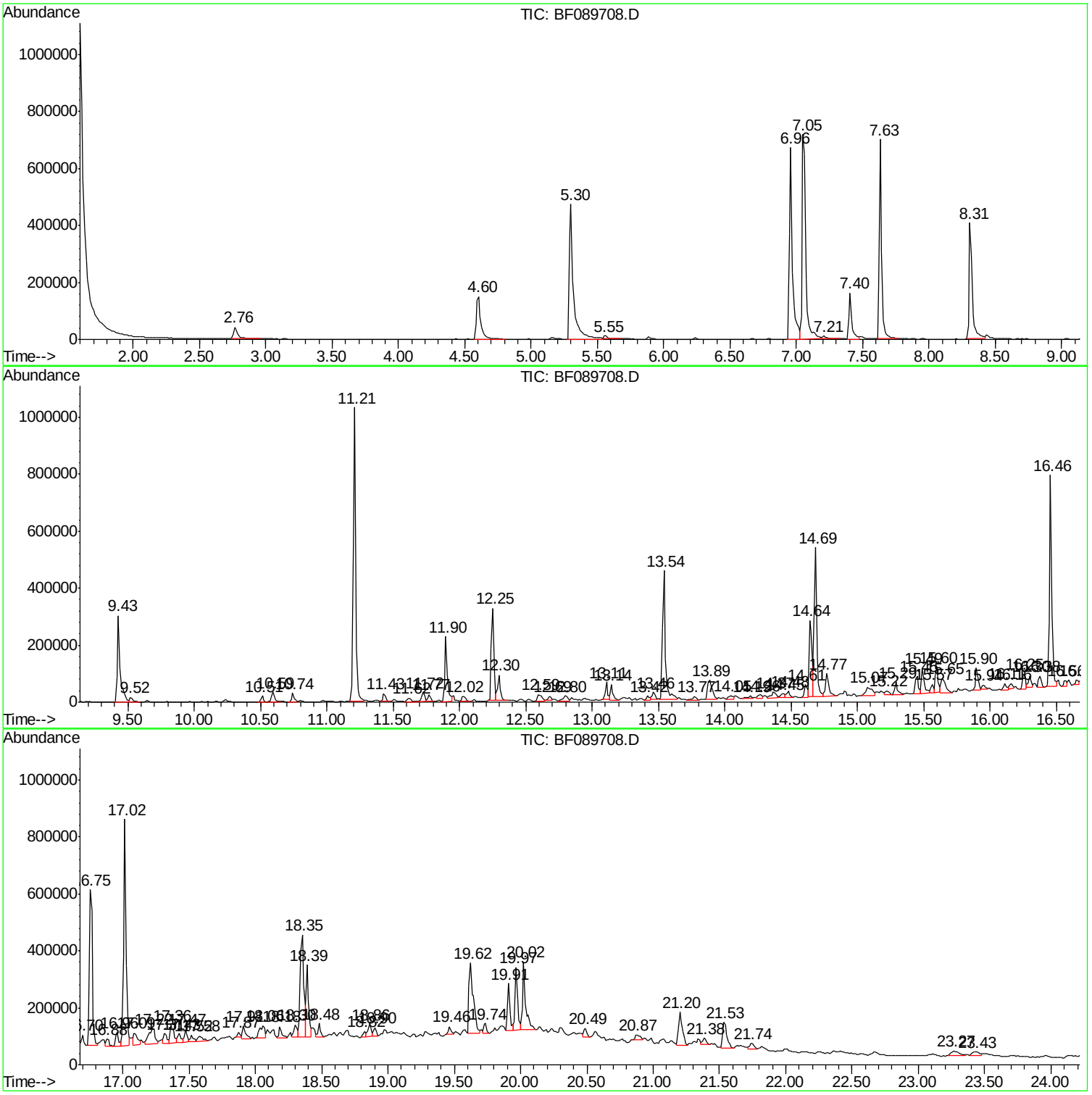
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089708.D
Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

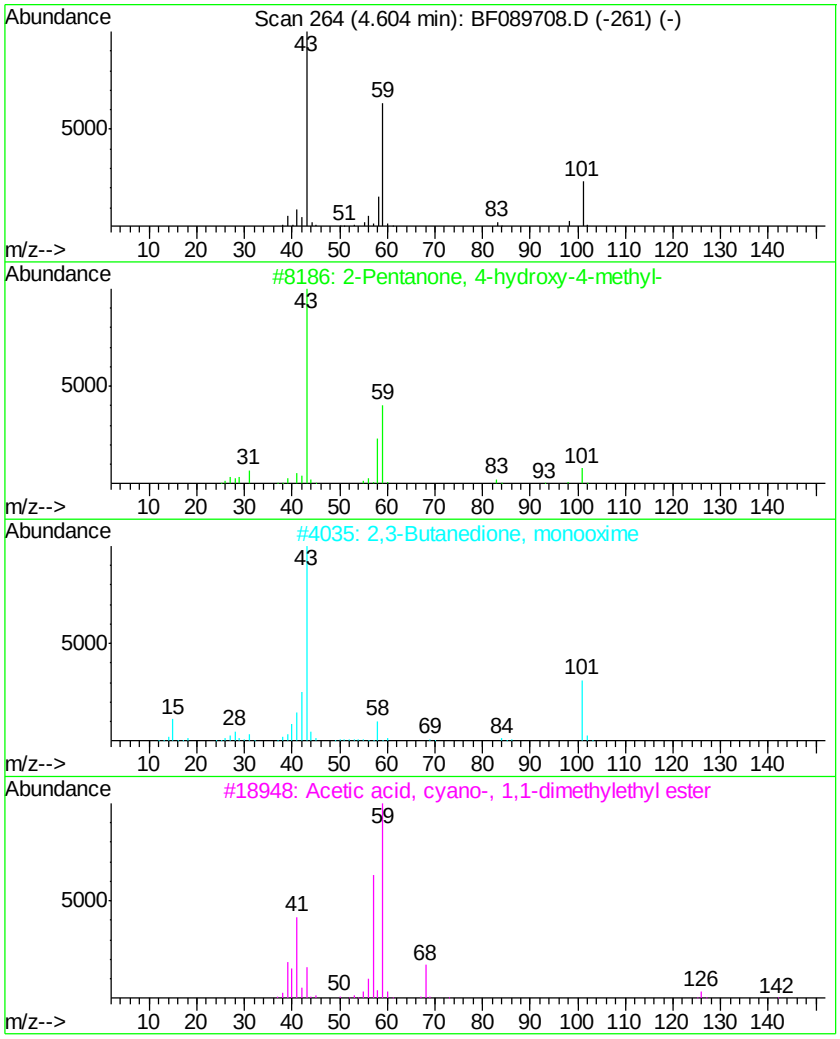
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

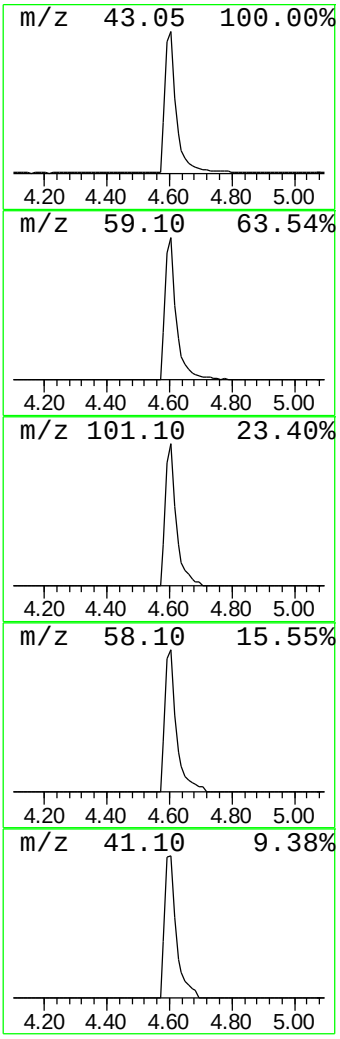
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	27.70 ng	363373	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF089708.D
Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

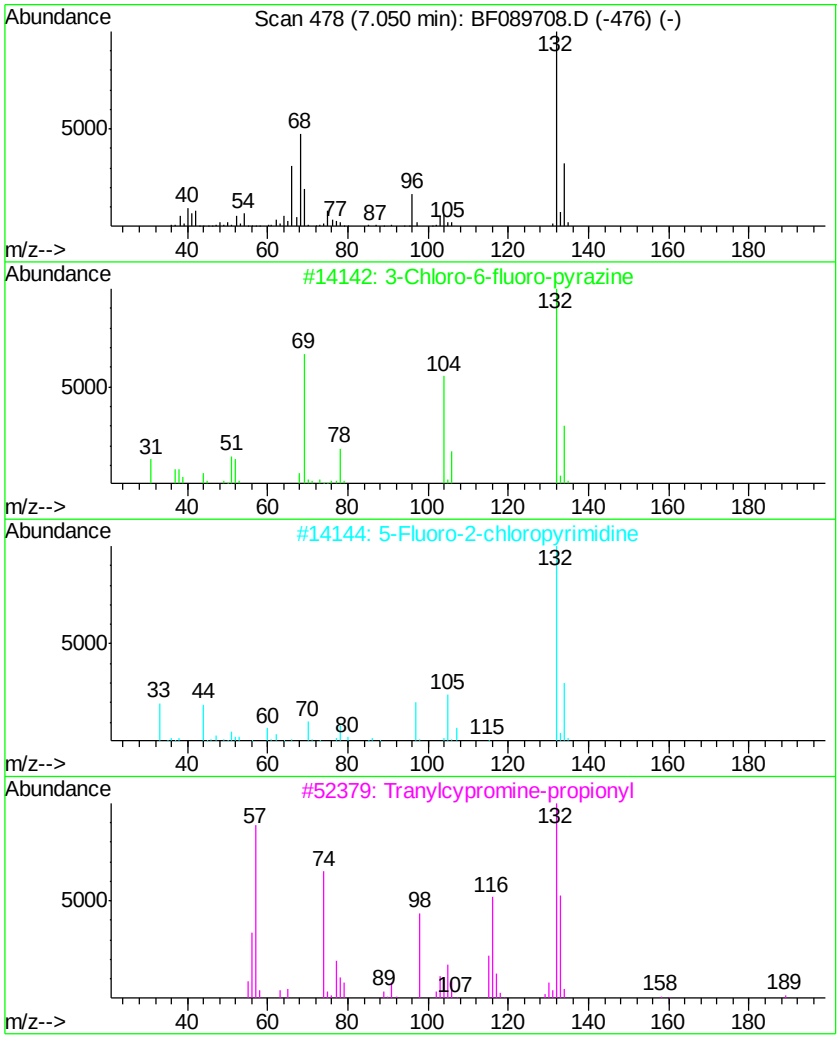
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

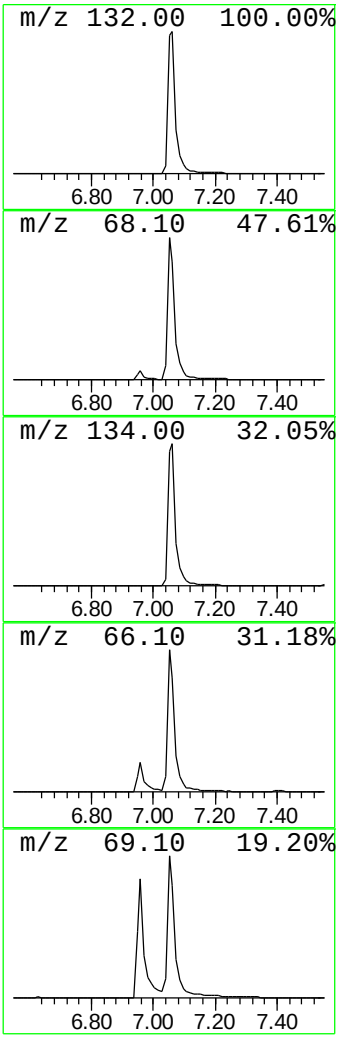
****

Peak Number 3 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	100.70 ng	1320860	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

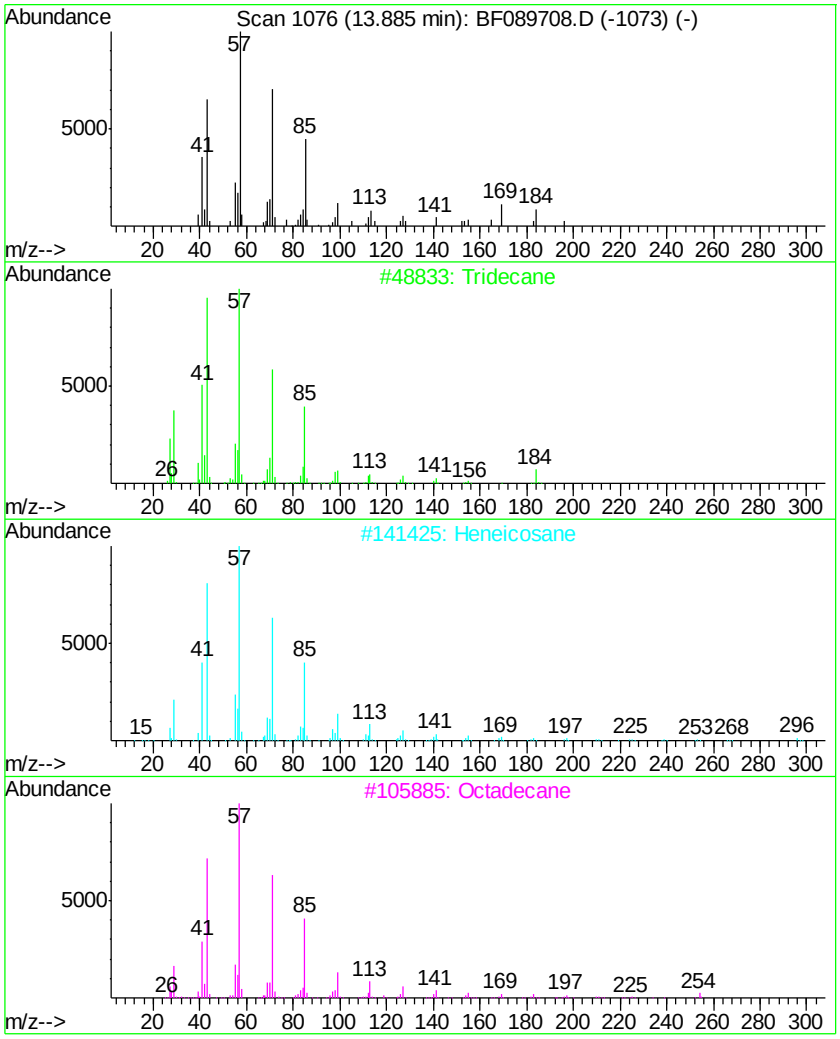
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

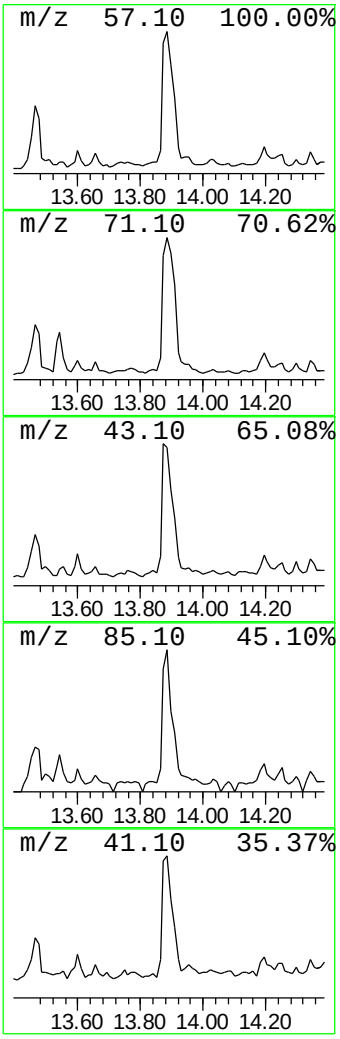
****

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.70 ng	160040	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

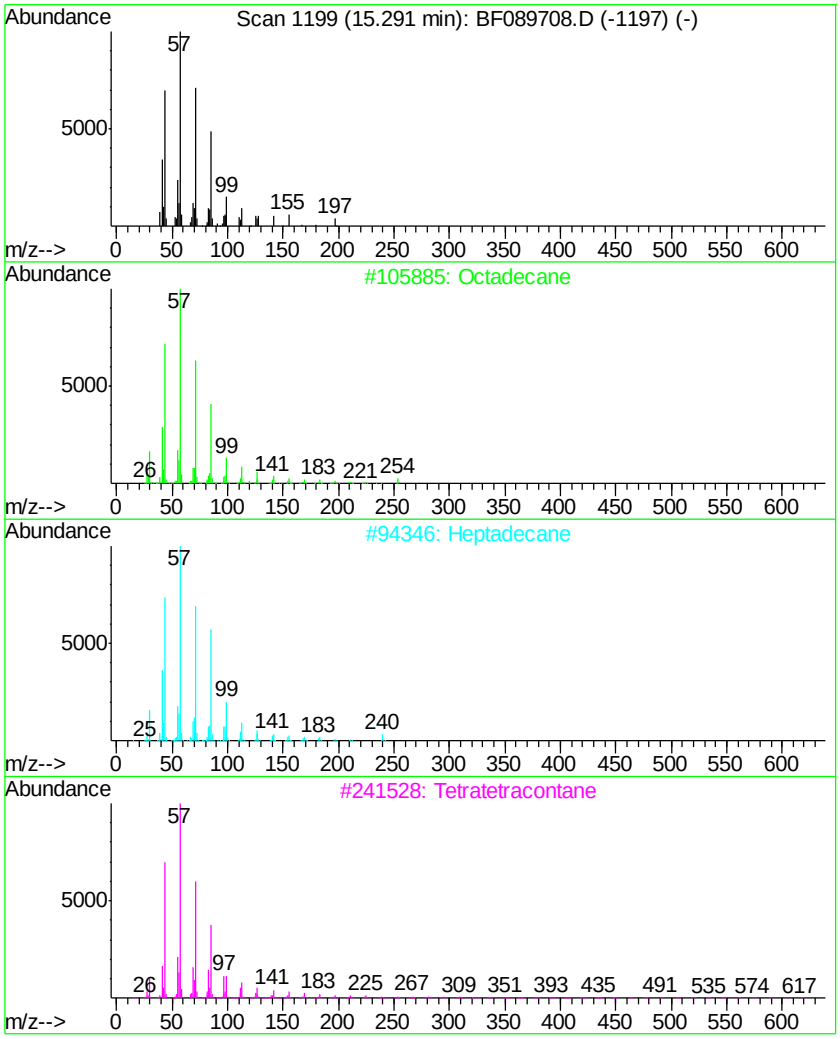
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

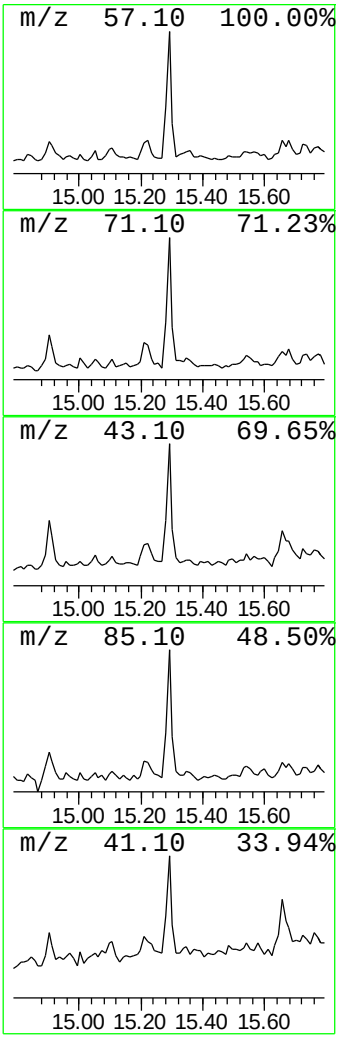
****

Peak Number 6 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.19 ng	66313	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Docosane	310	C22H46	000629-97-0	86
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089708.D
Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

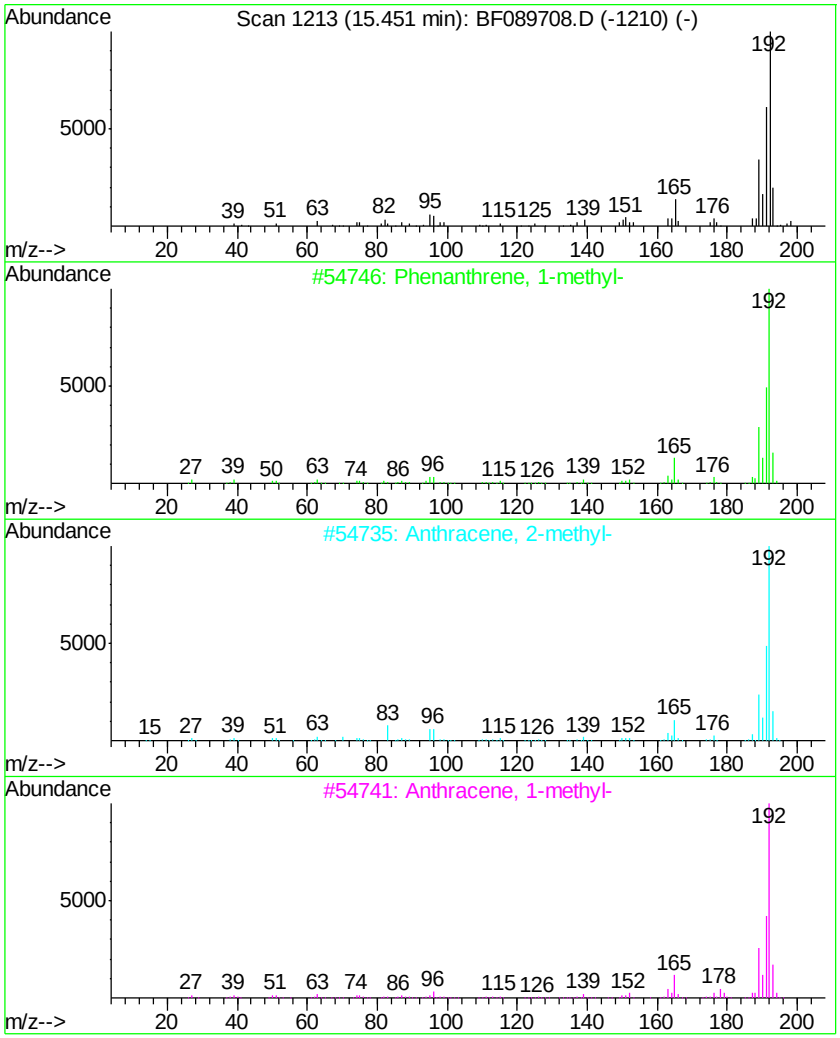
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

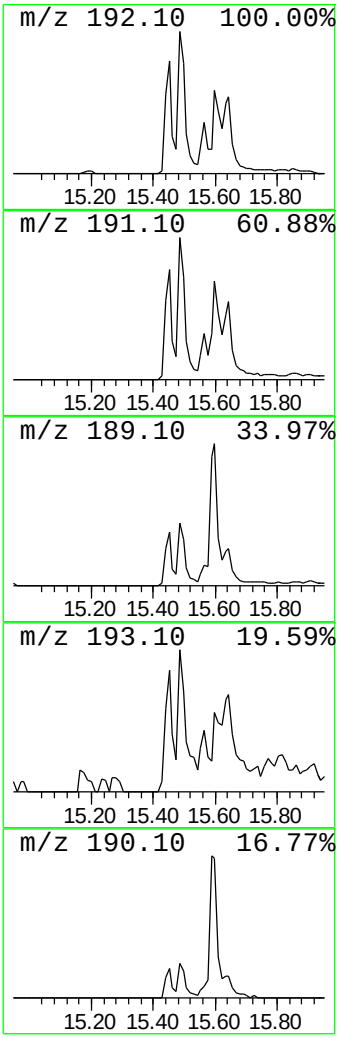
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.05 ng	104913	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089708.D
Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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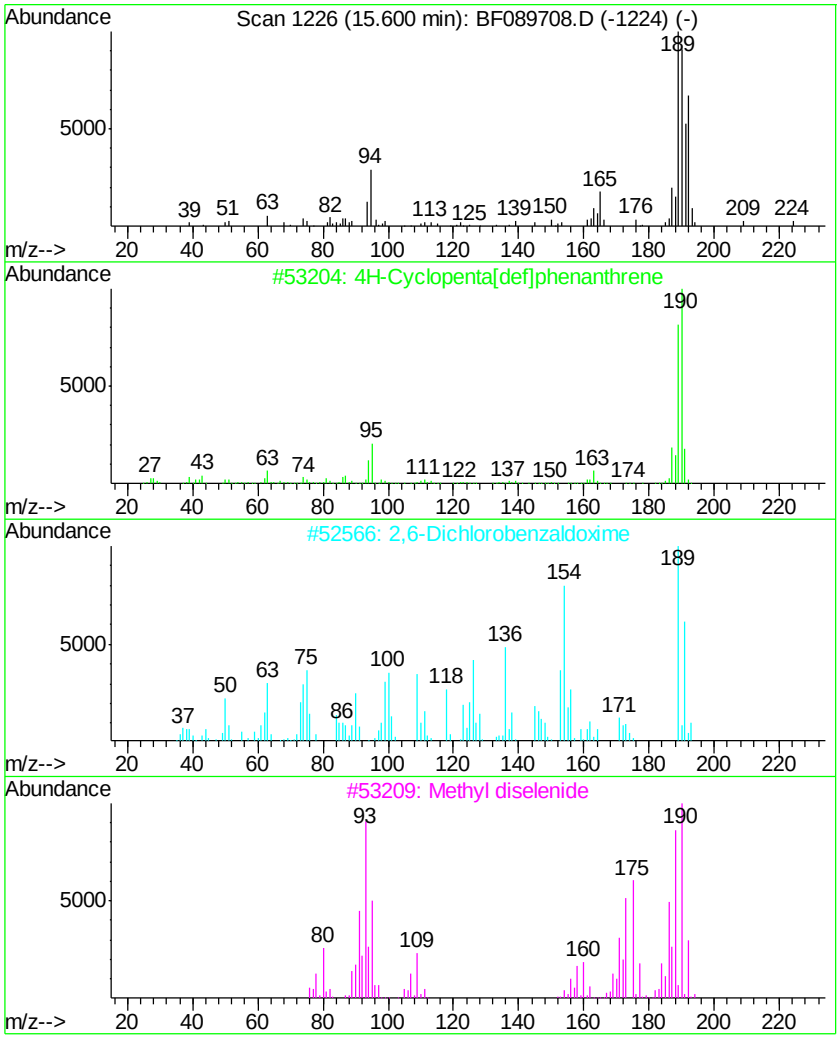
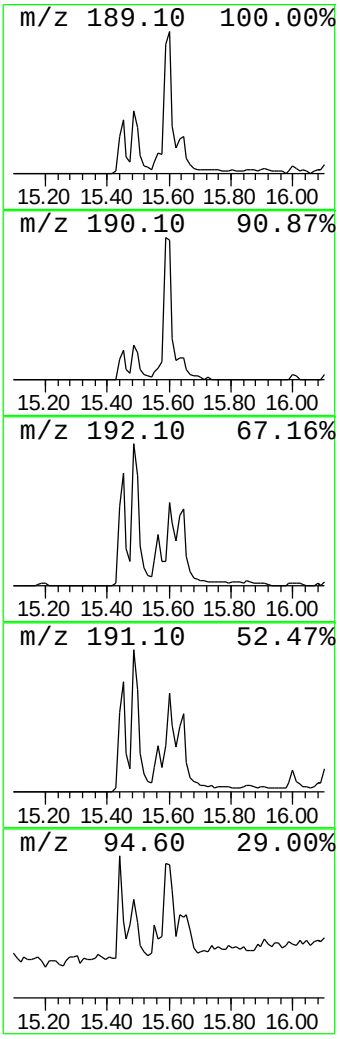
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.65 ng	138205	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





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Acq On : 10 Aug 2016 21:44
Operator : UM/SJ
Sample : H4400-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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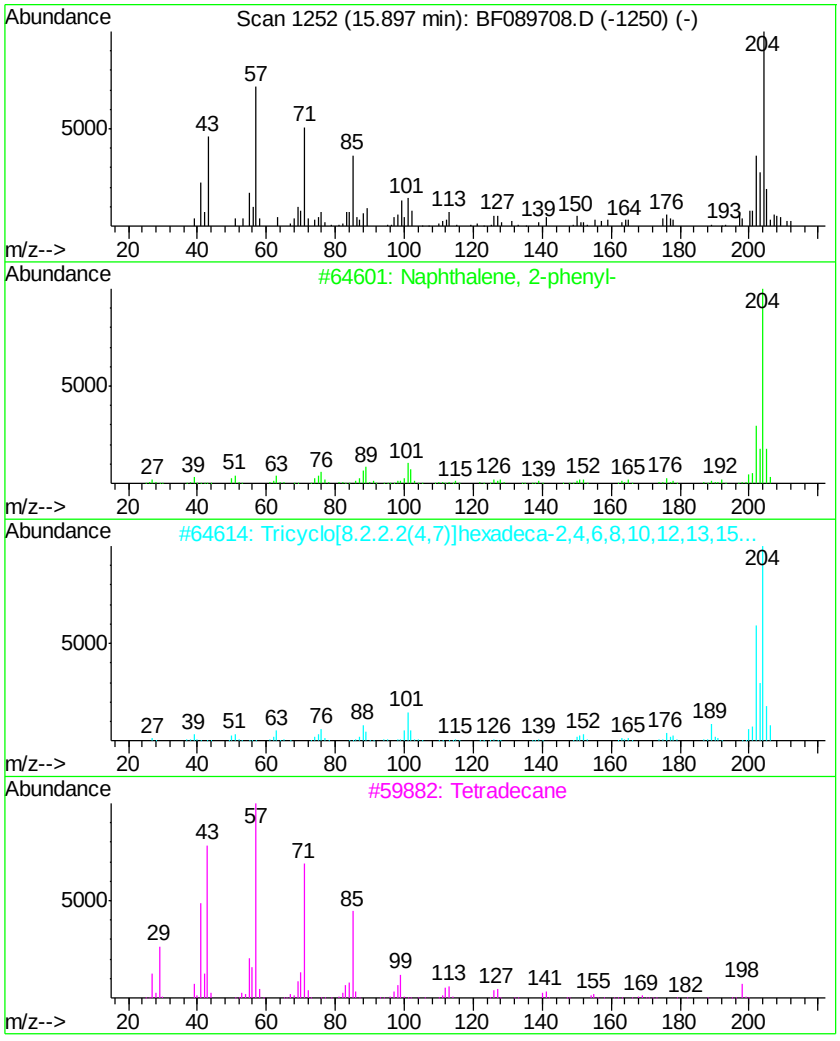
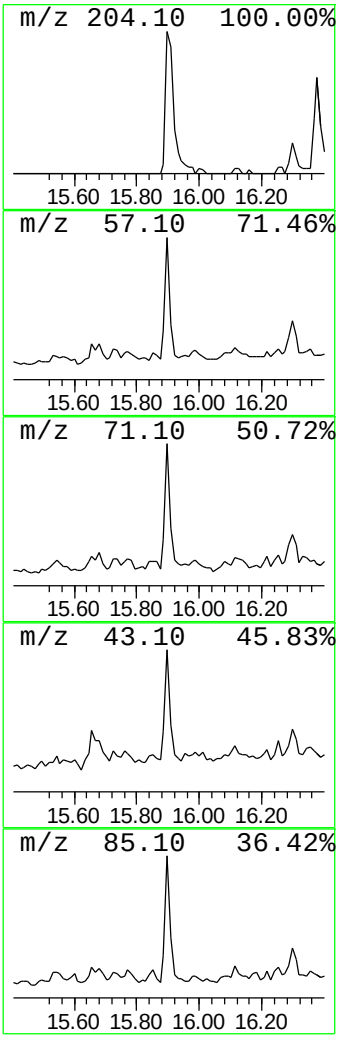
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.19 ng	107902	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Tetradecane	198	C14H30	000629-59-4	59
4	Pentadecane	212	C15H32	000629-62-9	53
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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ClientSampleId : PE-A-1-DEL1(66)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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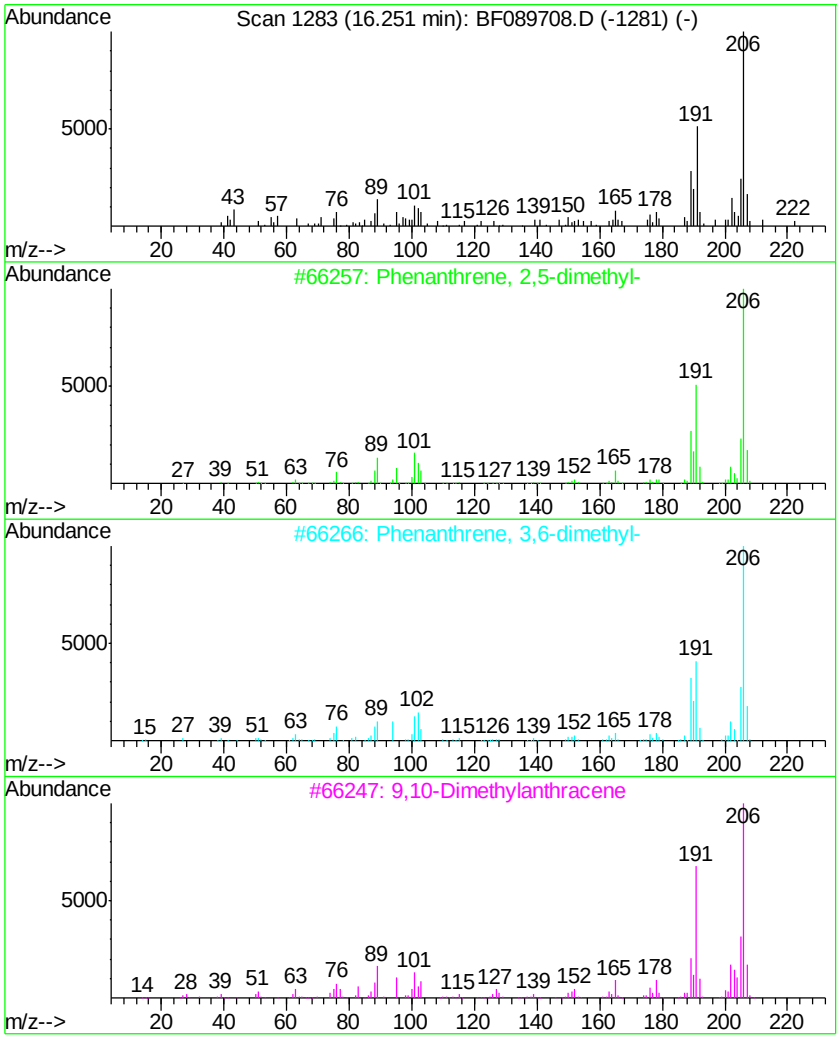
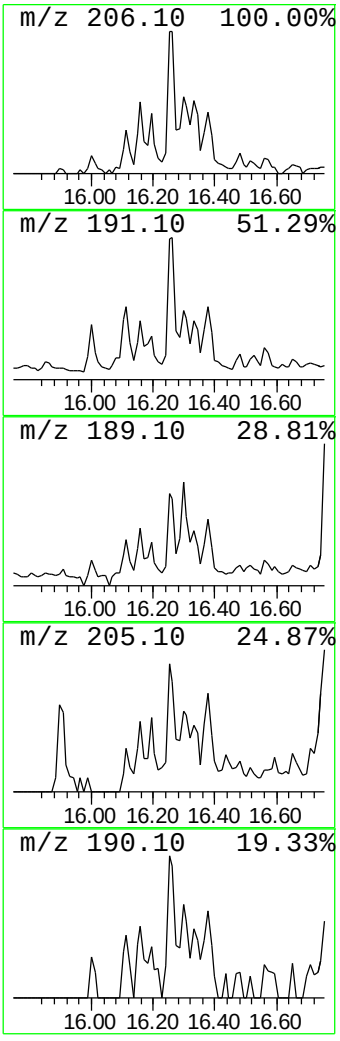
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.20 ng	87221	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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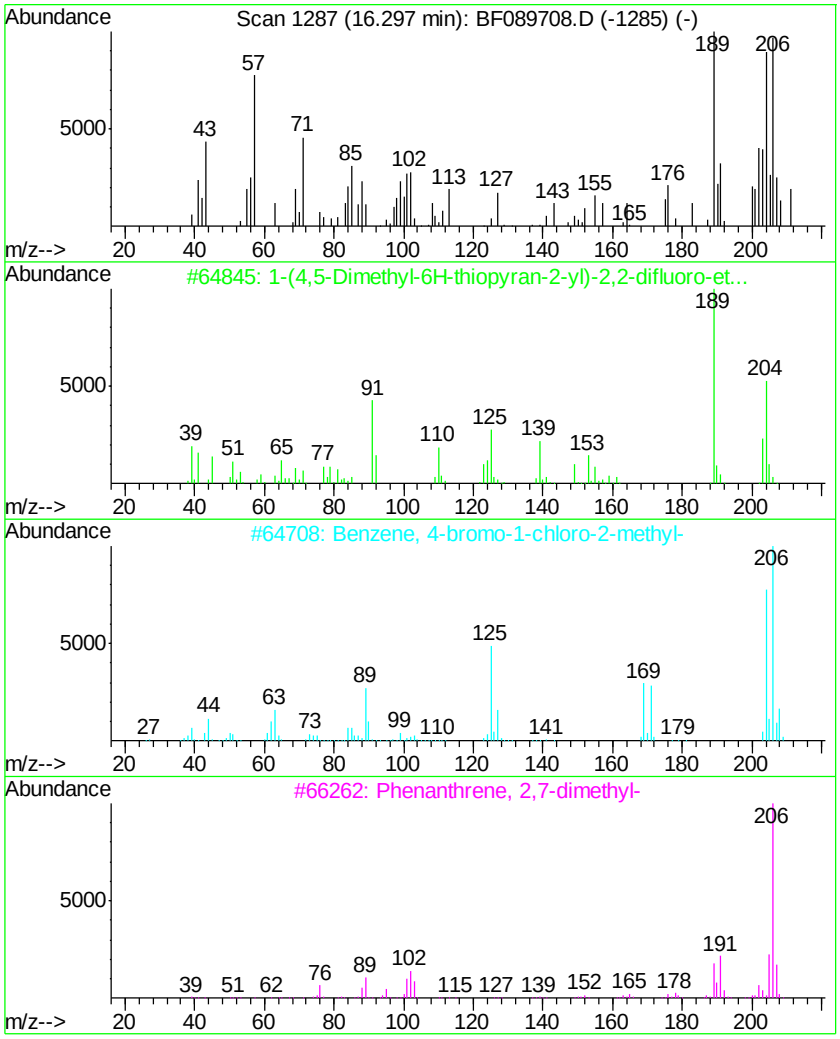
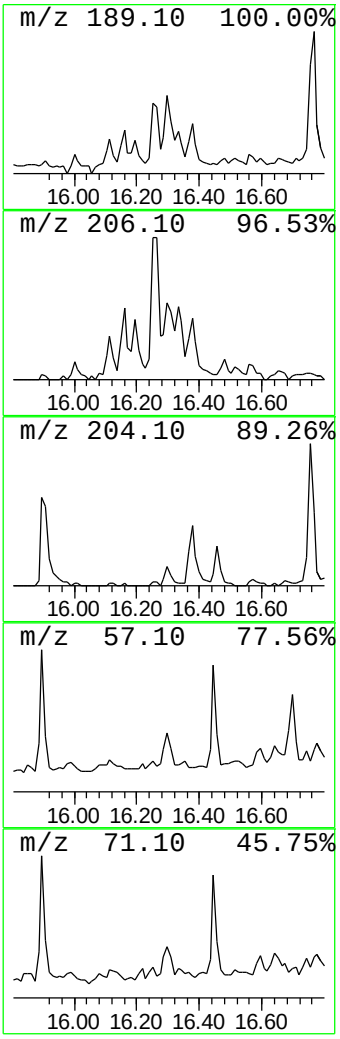
Peak Number 13 unknown16.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.76 ng	57465	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	43
2	Benzene, 4-bromo-1-chloro-2-methyl-	204	C7H6BrCl	054932-72-8	35
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	27
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	25
5	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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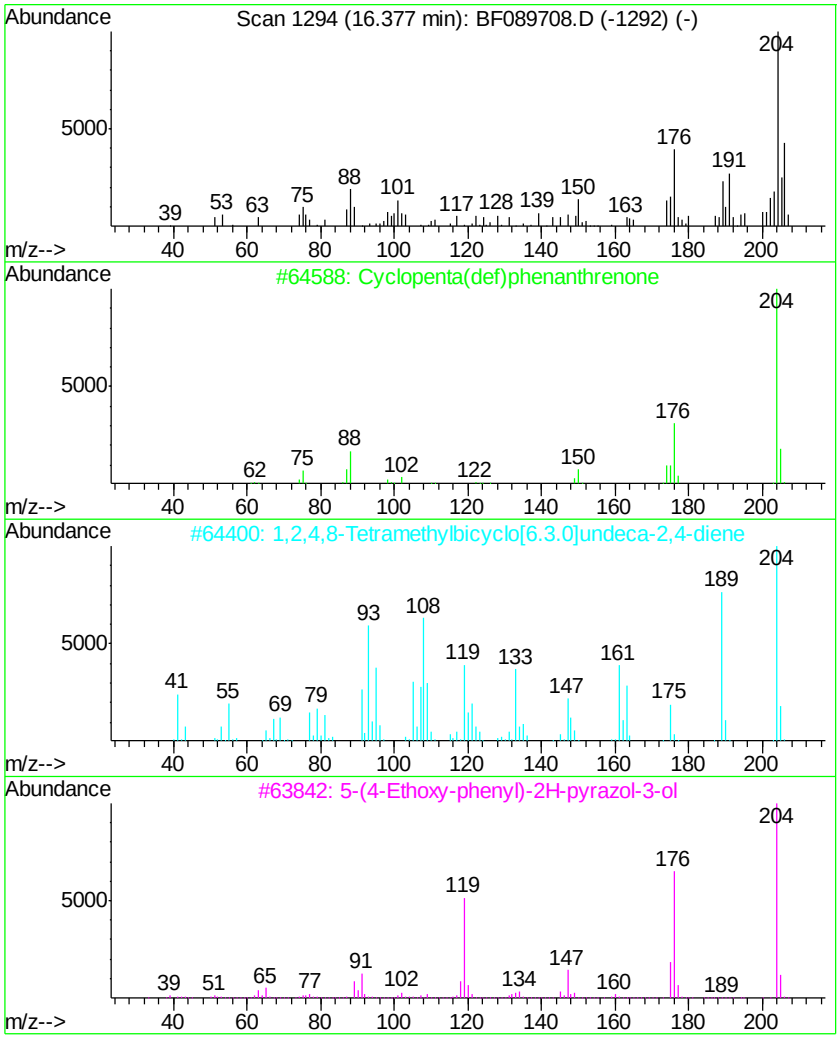
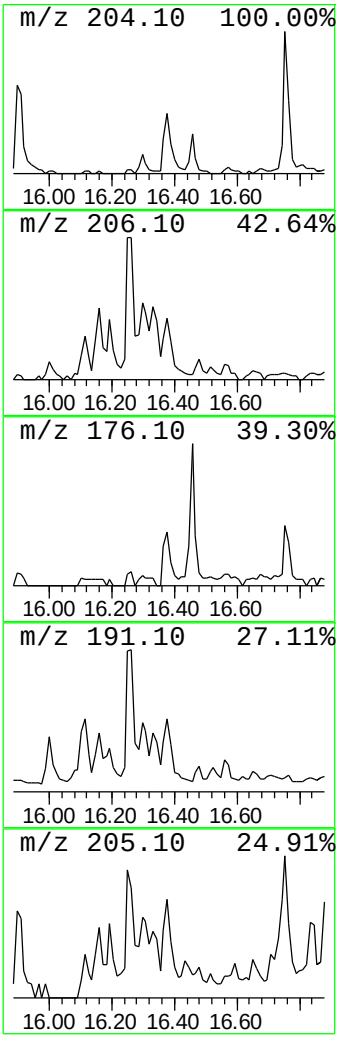
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.72 ng	56533	Phenanthrene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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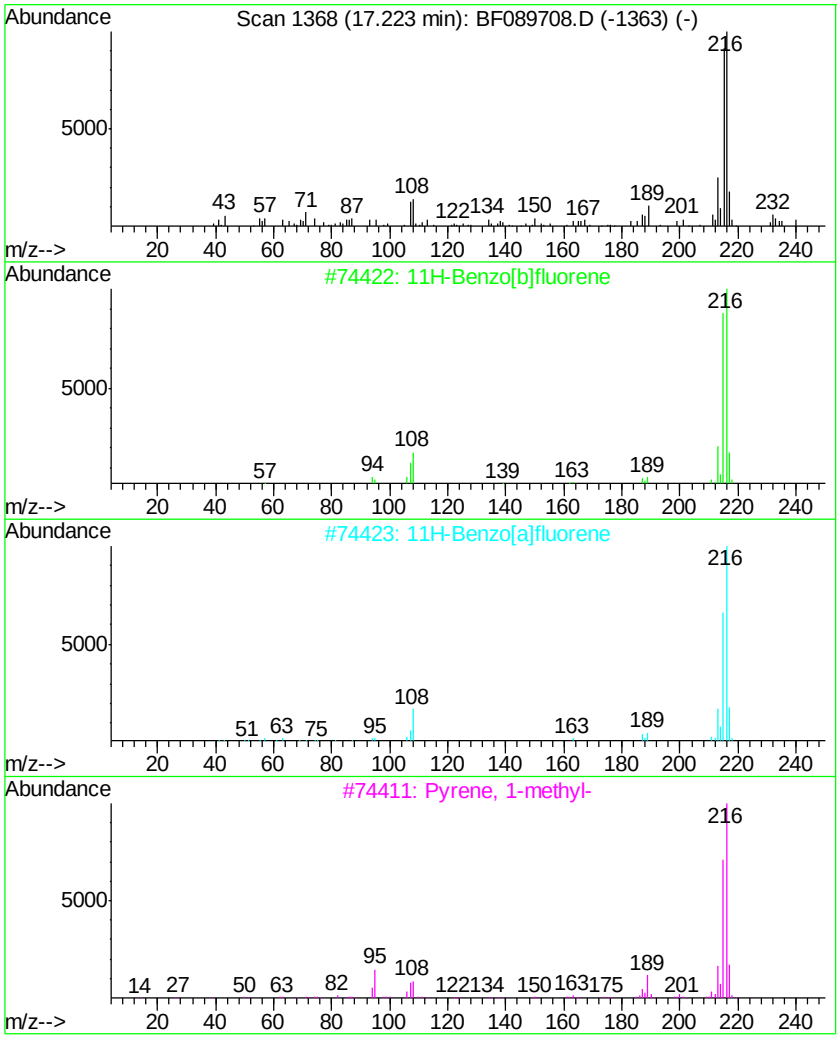
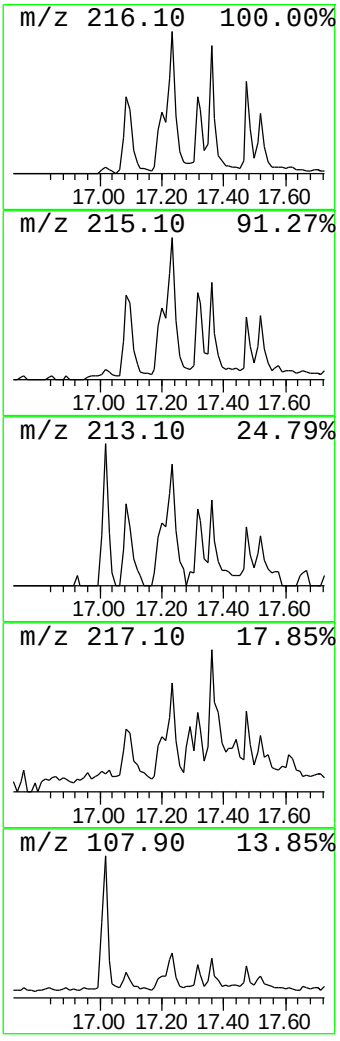
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	5.25 ng	182462	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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ClientSampleId : PE-A-1-DEL1(66)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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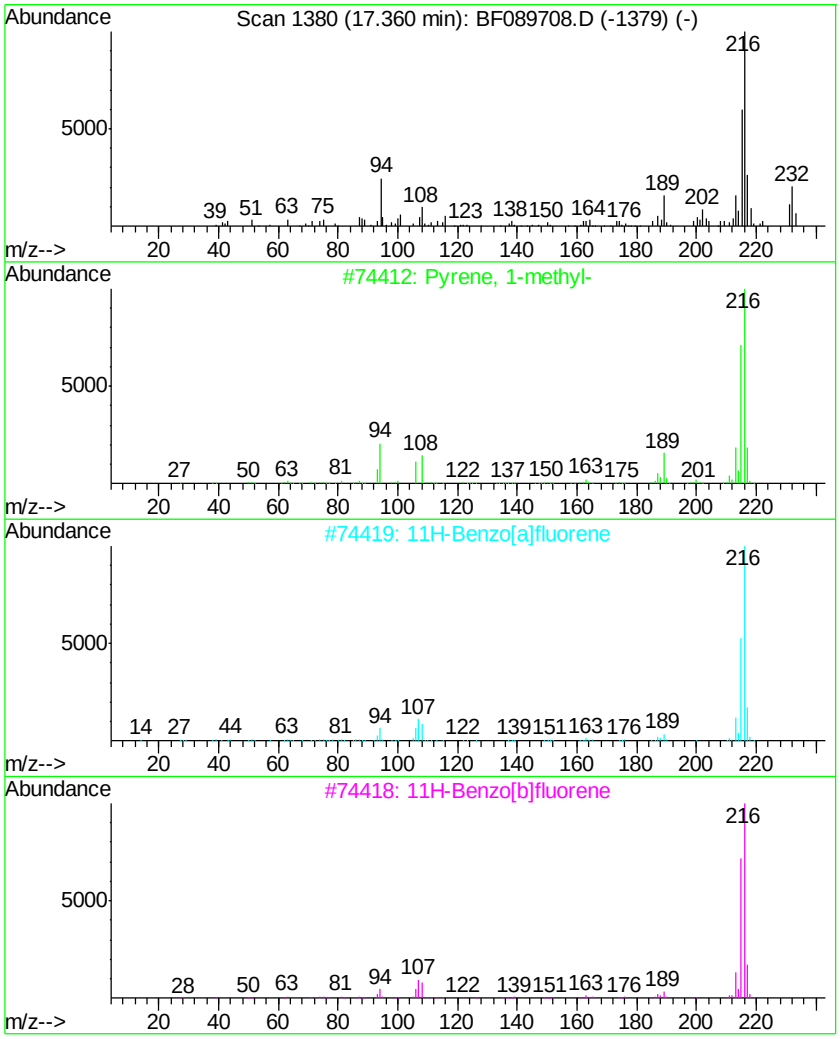
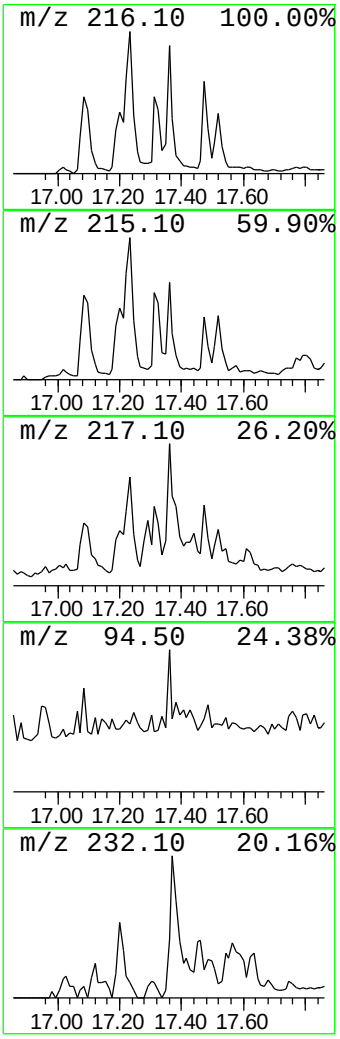
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.73 ng	129625	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





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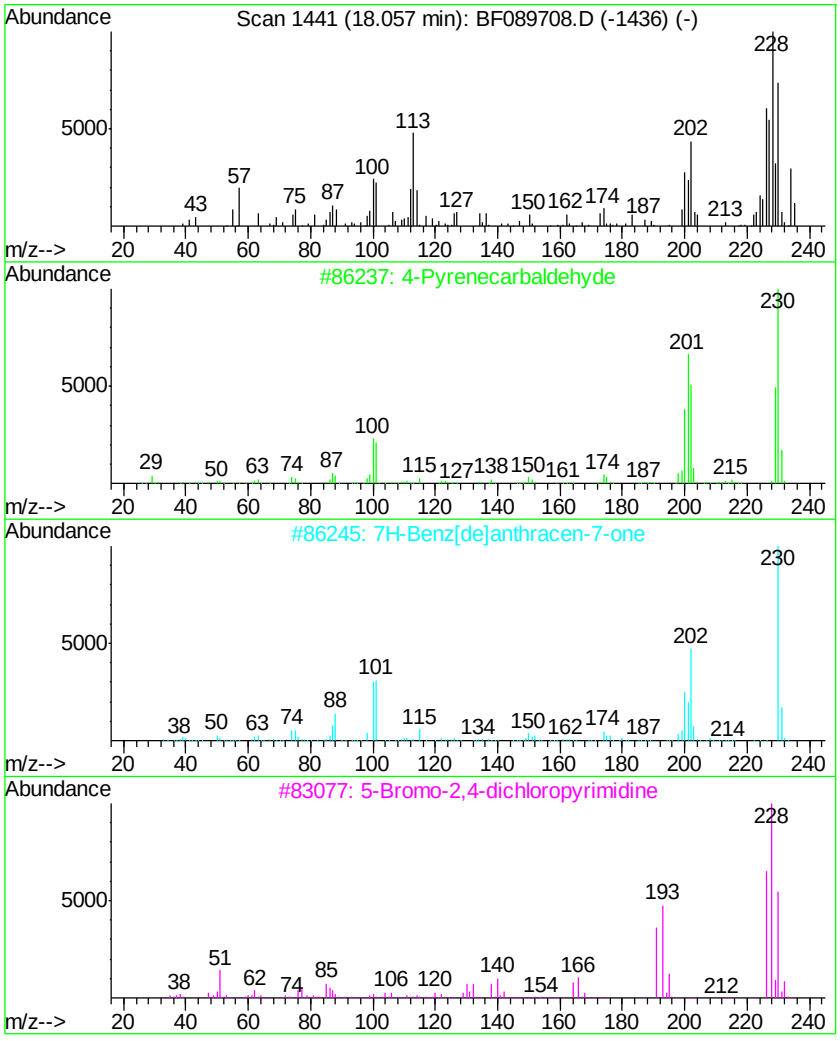
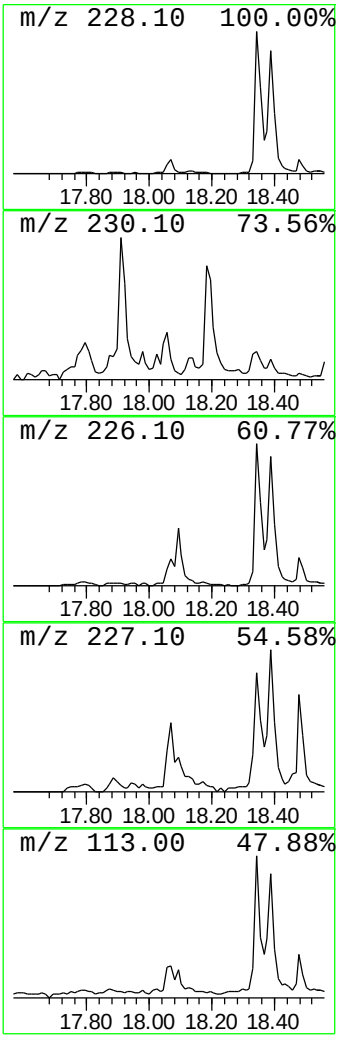
Peak Number 17 4-Pyrenecarbaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.69 ng	128364	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	50
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	47
3	5-Bromo-2,4-dichloropyrimidine	226	C4HBrCl2N2	036082-50-5	43
4	2,7-Naphthalenediol, 1,8-dichloro-	228	C10H6Cl2O2	003024-25-7	35
5	Thiophene, 2-(2,4-dichlorophenyl)-	228	C10H6Cl2S	075601-32-0	35





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Instrument : BNA_F
ClientSampleId : PE-A-1-DEL1(66)

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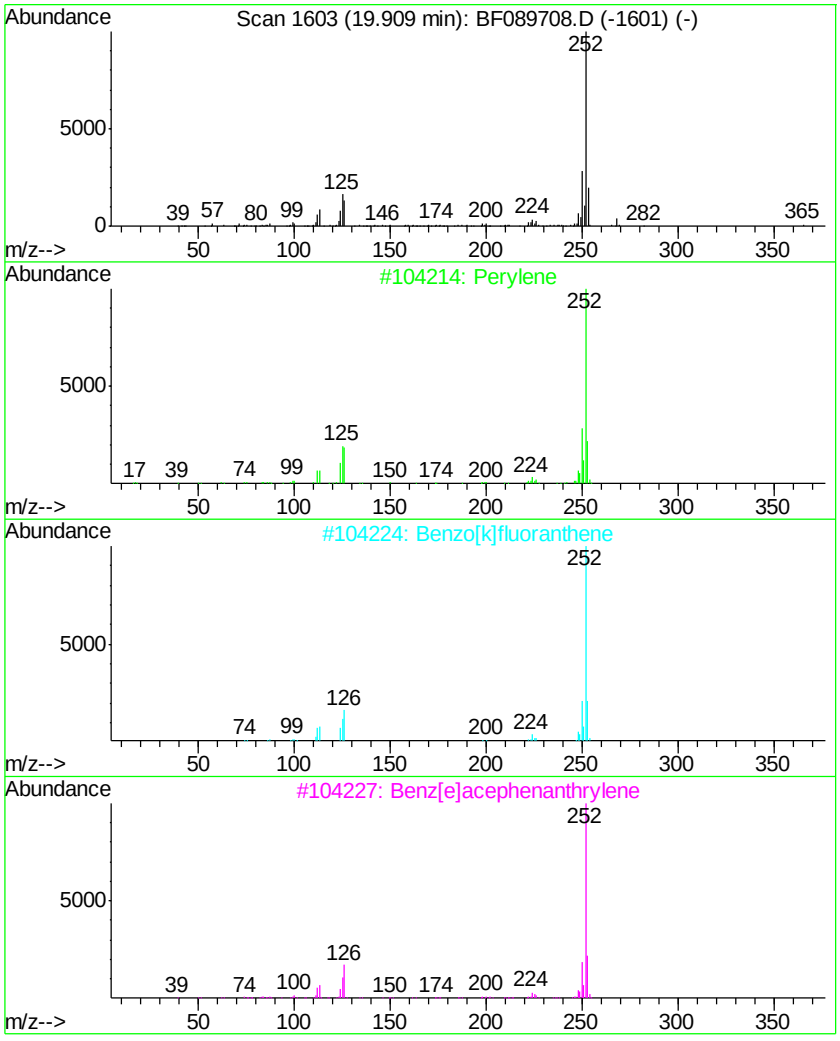
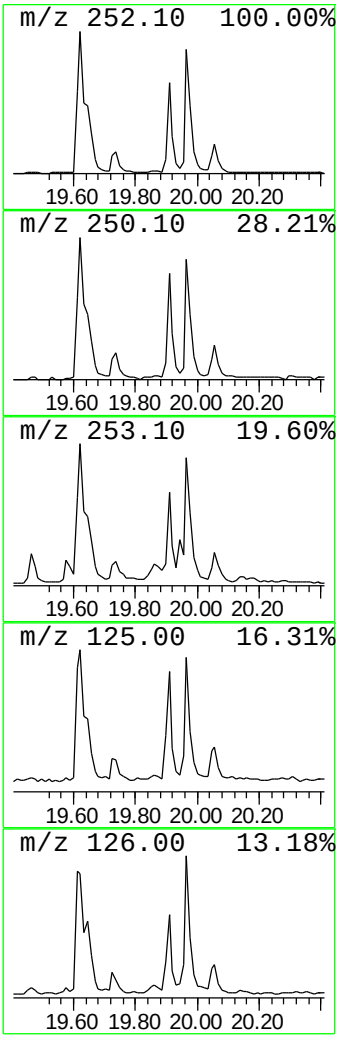
Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	10.68 ng	201718	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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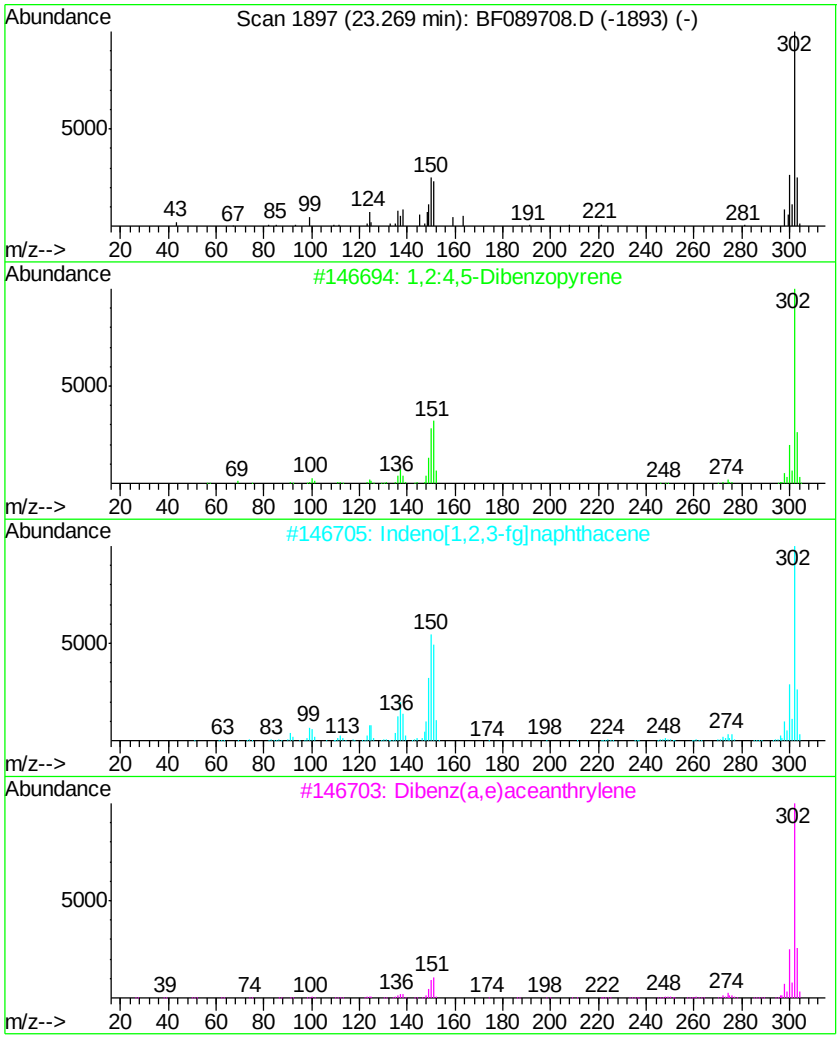
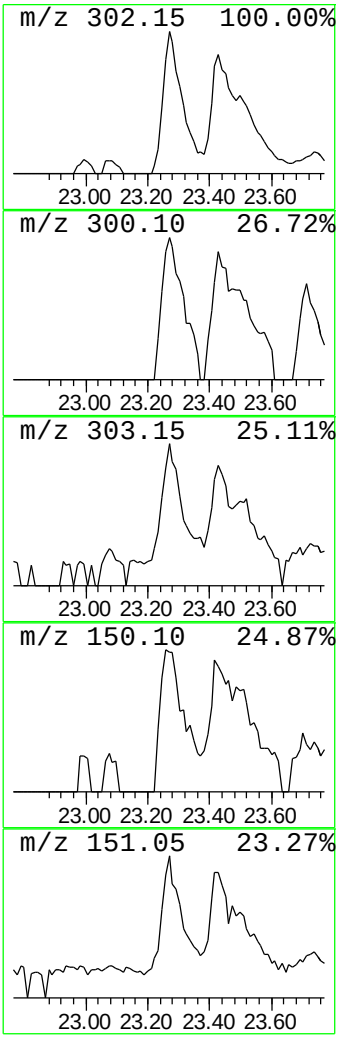
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	4.14 ng	78187	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	83
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	83
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	72
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64





Tentatively Identified Compound (LSC) summary

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Data File : BF089708.D
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Operator : UM/SJ
Sample : H4400-01
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	27.7	ng	363373	1	7.40	262346	20.0
unknown7.05	7.05	100.7	ng	1320860	1	7.40	262346	20.0
Tridecane	13.89	7.7	ng	160040	4	14.64	415806	20.0
Octadecane	15.29	3.2	ng	66313	4	14.64	415806	20.0
Phenanthrene, 1-m...	15.45	5.0	ng	104913	4	14.64	415806	20.0
4H-Cyclopenta[def...	15.60	6.7	ng	138205	4	14.64	415806	20.0
Naphthalene, 2-ph...	15.90	5.2	ng	107902	4	14.64	415806	20.0
Phenanthrene, 2,5...	16.25	4.2	ng	87221	4	14.64	415806	20.0
unknown16.30	16.30	2.8	ng	57465	4	14.64	415806	20.0
Cyclopenta(def)ph...	16.38	2.7	ng	56533	4	14.64	415806	20.0
11H-Benzo[b]fluorene	17.22	5.3	ng	182462	5	18.35	695593	20.0
Pyrene, 1-methyl-	17.36	3.7	ng	129625	5	18.35	695593	20.0
4-Pyrenecarbaldehyde	18.06	3.7	ng	128364	5	18.35	695593	20.0
Perylene	19.91	10.7	ng	201718	6	20.02	377743	20.0
1,2:4,5-Dibenzopy...	23.27	4.1	ng	78187	6	20.02	377743	20.0